

## Students: Seek active education

### LETTER FROM THE EDITOR:

By ANNE K. THORNTON  
Editor

If Webster had defined "college student" in his dictionary, he may have chosen between two definitions.

1. College student - passive noun, person who goes to get out; sees college as a necessity, because he or she prefers a salary to minimum wage; graduation day the goal; part-time employee on employment getting easy A's; surviving the four years for the degree.

2. College student - action noun, person in school to learn; sees university life as a journey, not a destination; strives to grasp every opportunity, in and out of classroom; has even discovered that learning can be fun.

Although contradicting, both types of college students exist in Utah, even at BYU, the former exceeds the latter.

Of course, every student seeks training for a career. Undoubtedly, engineering majors come to BYU to become engineers. P.E. majors come to become accountants. Geology majors study to become geologists. The training for these careers is essential, and the university stresses excellence in the most important areas.

But, if on graduation day the student has heightened his knowledge and skill in only the major, he or she has wasted and abused

four years of education.

The graduate is trained, but not educated. The graduate not only seeks to be a specialist, but should also seek to learn a little about everything. He or she should take time to educate the whole person in all areas.

We should seek to educate the whole person primarily so we won't face a more terrifying monster after graduation - regret.

Many former students have told me for me to take time to learn while attending BYU. Even BYU President Jeffrey Holland, although obviously an educated person, expressed this philosophy in a recent interview with The Daily Universe.

If he could do it over again, he said he would "devote every waking moment and certainly all the best of those undergraduate years to staying as broadly educated as he could."

He also cautioned students to not focus "too narrowly" to not just get a major in the field about a year before leaving the university as soon as possible.

Everyone begins with good intentions. The eager freshman, bubbling with the adoration of parents, teachers, friends, family, starts with a series of forums, lecture series, plays and even plans to attend the classes. He or she is determined to take advantage of every educational opportunity.

The general education classes were intended to "educate the whole." However, the student who is determined to take the major as major classes. Students seek the easiest classes and teachers.

Holland has listed what BYU is not: It's

not a young adult conference, it isn't one giant party, it is not a football weekend, it isn't a dating bureau, though we do all of those things and have fun at them."

Rather, Holland said, "This is a uni-

versity, he said. In spite of what your big brother or sister may have told you, BYU is primarily here as an avenue of education, not for fun, not for a good time. Of course that learning includes football, movies and parties. But is the desire for a deeper level of education sometimes neglected for fun activities? Educating the whole person is what's the goal."

Yes, learning requires exertion, but if the university experience is viewed as a journey and not just a destination, the person won't get lost in the education day. Right, a graduation will be set for continual elevation.

You may not always live near a university, nor may you be free in time and energy to explore and express. Sure, you may transfer you to Kuna, Idaho, or Blanding, Utah, where the main cultural events are high school plays. So a good foundation now, and you'll be set to enjoy the rest of your life.

And remember those who have gone before, who not only specialized in a field, but were also educated. The best "trained" seem to be the ones who have had the most fun.

Take the challenge. Create a new era of college students; become not only trained, but educated.



### MONDAY MAILBAG

#### Policy program

It is interesting that at BYU, the official church university students have no input in the decision making process that so greatly affects their lives. It is interesting because the church places such heavy emphasis on the family. For example, Joseph Smith stated, "Teach the people correct principles and let them govern themselves." In view of this emphasis it seems hypocritical not to allow students of BYU input in the decision making process. Indeed, there is not even a

well-publicized way for students to voice complaints about policies. It is tragic that the administration is so far removed from the people it supposedly serves.

The problem could be resolved through the creation of a new office of student government. This office would make student government and the students it serves partners with administration in the decision making process. The concern would be the welfare of the students. 1) inform students of any unfulfilled changes in BYU policies and 2) present the concerns, complaints and suggestions of the students to the administration.

Representatives of the new office would meet regularly with a representative of BYU administration. At these meetings the administration would be forced to voice the possibility of possible changes in policy. The office would then inform students of these possible changes through The Daily Universe, posters and flyers, letters and questionnaires or student polls. The office would

then inform the administration of overall student reaction and student suggestions. The administration could then make a better final decision based on this knowledge.

Through the office, students could voice frustrations and complaints about current policies. The office would be responsible for filing these complaints. If a number of complaints are filed concerning the same policy, the office would then send out questionnaires or take students to the administration. If these methods fail, then the concern is shared by a large percentage of students or a particular group or class of students. The office would then present the problem to administration for consideration. Though this procedure would not necessarily force the administration to change a policy, it would make them aware that a problem did exist, and steps could be taken to solve the problem. When students and administration can work together in the decision making process, enforcement of the policies will be

less of a problem. It is time that administration start treating students as responsible adults and not as infants that need constant supervision.

Jimmy B. Ellis  
Pleasant Grove, Utah  
Junior in psychology

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Letters to the editor should be typed and no longer than one double-spaced page. Letters must include a name, home and page, and a phone number. Letters failing to meet these requirements will not be printed.

## MONDAY EDITION

Brigham Young University Provo, Utah Brigham Young University Vol. 38 No. 5 Monday, September 10, 1984

## The Breakup:

By CRAIG STEINBERG  
Associate Monday Editor

America has lost an old friend — Mother Bell. The breakup of AT&T with its local Bell System companies has brought confusion, frustration, and uncertainty to the millions of people who were comfortable with the Bell System for so many years.

The last major merger, the second only to the government in the number of employees, has been split up after 107 years. The result of the breakup is a smaller AT&T and several new, smaller regional companies.

The breakup, which went into effect Jan. 1, 1984, ended the life of the Bell monopoly that began in 1876 with the words "Watson, come here. I want you." The story follows that Watson, after his addition, got the first telephone after spilling acid on his pants.

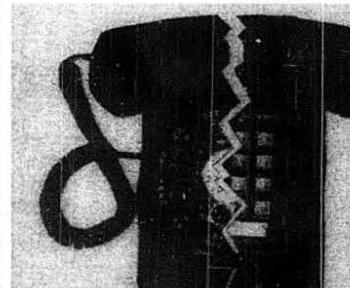
Since those first words, the world has never been the same. And with the Bell's vestige, the telephone industry will never be the same. It is taking off to new companies, different services, higher rates, and more problems. Even the phone bill isn't the same.

Whether the move to split was good, only time will tell.

K.L. Peterson, as manager for Mountain Bell, says he thinks the change was a good idea. "Ma Bell was a unique public system and should have stayed intact," he said.

"Ma Bell was a unique public system and should have stayed intact."

— K.L. Peterson,  
Mountain Bell



find that the company does not provide the same service it once did. "We even get people who have called and said they thought the service was still with AT&T and got involved in it."

Probably the hardest thing people will have to get used to because of the divestiture is the calling rates for local service. The new companies were subsidized from long-distance service, and people only paid a portion of what telephone service actually cost.

Steve Linton, Mountain Bell's Assistant Staff Manager for central and southern Utah, said people have paid only about 50 percent of the actual cost of local service. He said the calling rates were high to make up the difference in cost.

"Customers should be prepared for price increases. They will eventually be expected to pay the full cost of local services now that we no longer get the subsidies."

— Steve Linton,  
Mountain Bell

Time will tell what's good or bad about the switch many are hung up over

try, Capahaw said.

Another change that may appear in local service is flat rate service. With the service, the user would be expected to pay for each call made.

Mike Twitty, Arizona, and Utah spokesman for AT&T, said the program is running on an optional basis in Arizona. "I suspect it will be a part of the long-distance throughout on an optional basis," he said.

While local rates are likely to drop, long-distance rates are likely to rise.

The new long-distance companies have been able to offer service at a lower cost than AT&T, but don't have the same capabilities.

John Bauer, manager for a long-distance company in Provo, said that now he has to use a 13-digit number.

In order to use a company other than AT&T to make a long-distance call, you have to use a local access code plus an authorization code," Bauer said. He said that all this will be changed with the Equal Access Provision.

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— Steve Linton,  
Mountain Bell

The provision, which will be active in November, will allow local long-distance carriers to have their own service. After the provision is activated, all a customer will have to do, regardless of the long-distance carrier, is dial one plus the area code and then the number.

People will have to decide on a carrier and that line will be connected to their phone. If people don't decide on a company their long-distance calls will still be carried on AT&T's lines.

Bauer said customers will still have to use an authorization code for long-distance calls within the state because Mountain Bell still has a local long-distance business.

Continued on page 2

### Cougars pounce on Bears Saturday

The Cougars continued to surprise just about everyone Saturday, crushing the Bayor Bears 47-13.



Page 4

### Hi-tech phone cables will soon reach Provo

Fiber optic cables, on which thousands of voices can be carried over one strand, will soon be installed in Provo.

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## SPORTS

## Cougars bury Baylor Bears, 47-13

By TROY STEINER  
Asst. Sports Editor

If broadcaster Dan Margolish had been present at Saturday's BYU-Baylor game, the echoing of "turn out the lights, the party's over" would have been heard early in the Cougars' 47-13 homecoming.

The game was all but over in the first quarter as BYU offense exploded for 27 unanswered points on 27 total yards.

The Cougars avenged their only defeat last season, and with Miami's loss to Michigan, BYU's 13-game win streak is now the longest in the nation.

Those who were critical of quarterback Eddie Bosco and the BYU offense during game were silenced as the Cougars showed just how good they are.

Boos hit 26 of 41 passes for 311 yards and six TDs. Newcomer Robert Parker emerged as an explosive runner, collecting 131 yards on 11 carries for an 11.9 yard per carry average.

"The Cougars were expected because the strong point of the Baylor team was supposed to be their defense," I was surprised the way they played," said Eddie Edwards. "I thought it would be a lower-scoring game."

"We've got to outscore BYU; you can't do that," said Baylor coach Grant Teaff. "We tried everything known to mankind to slow them down."

Not only was the offense potent but the defense put together another excellent game. "We did the things on defense we had to do to help us," Ed-

wards said. "There isn't any question that this is the best defense we've ever had."

Probably the biggest story of the day was the way the BYU offense played.

"They made some great passes and catches," Teaff said. "I think the reason was as many on-the-nose passes as they hit in the first half."

The Cougar offense not only displayed great passing, but also TDs in running game. On BYU's first drive of the fourth quarter, Parker took the ball three consecutive times and picked up three first downs. He had a total of 130 yards running and receiving.

Parker, a junior college transfer, became a regular member of the BYU offense after Eddie Bosco

quit. Parker, who wears the same No. 43, said he just wants to try to do as well as he can.

"I just wanted to come in and get a chance to show my stuff," he said.

Most of the BYU team was surprised with the outcome of the game.

"I think we're going to be all right," Eddie Edwards said. "I didn't expect the ball movement we got. The offense was just ready to play."

"We have the kind of team that if we are going to lose we will beat ourselves."

The BYU passing game dominated the first half as Bosco twice TD strikes each to wide receiver Glen Kezlovi and running back Kelly Herrmann.

BYU is home again Saturday when the Tulsa Golden Hurricane comes to town. Baylor has a week off before traveling to Oklahoma.

wanted to Kozlowski on a seven-yard strike after BYU had marched 57 yards down field. The point-after attempt was successful.

Mills snared his first TD pass of the game in BYU's second drive when Bosco found him on a 39-yard bomb to tie the game at 14. The Cougars then scored a two-point conversion, with Kozlowski catching Bosco's pass.

Following a Baylor touchback, Parker picked up a 10-yard TD to give BYU a 21-7 lead with 31 seconds remaining in the first quarter.

In the second quarter the Cougars picked up a second TD as Bosco rolled out left and found Smith for a two-yard TD making the score 28-7. Smith caught his second touchdown pass in the second quarter as Bosco faked two handoffs and then found him for a 34-7 halftime lead.

The BYU offense was sluggish in the second half except for the running of Parker, who seemed to give the Cougars a lift.

The defense was fired up, however, getting three of its four sacks of the game from BYU defensive tackle Jim Herrmann, linebacker Lee White and cornerback Mark Allen. Interceptor Bill Moutier, back in the game after Kyle Moutier had the only first half interception for the Cougars.

Parker caught his second TD in the third as a 15-yard pass after White grabbed an interception. The last Cougar score was a one-yard plunge by Kelly Herrmann.

BYU is home again Saturday when the Tulsa Golden Hurricane comes to town. Baylor has a week off before traveling to Oklahoma.



Univers photo by George Frey  
BYU running back Robert Parker dashes through the line on one of his 11 carries during the rout of Baylor, 47-13. Parker, a junior college transfer, rushed for 131 total yards.

## Y 47, Baylor 13

Baylor	7	0	0	6	-12
	21	13	7	6	-47
BYU — Kozlowski 2 pass from Bosco (kick blocked)					
BYU — Mills 39 pass from Bosco (Kozlowski pass from Bosco)					
Bay — Pruitt 28 pass from Muecke (Mueller kick)					
BYU — Kozlowski 10 pass from Bosco (Johnson kick)					
BYU — Smith 2 pass from Bosco (Johnson kick)					
BYU — Smith 23 pass from Bosco (kick blocked)					
BYU — Mills 15 pass from Bosco (Johnson kick)					
Bay — Stokem 1 run (pass failed)					
BYU — Whittingham 1 run (kick failed)					
A — 63,705					

## INDIVIDUAL LEADERS

RUSHING — Bay, Pruitt 6-25, Muncie 3-28, Stockemer 6-2, Salone 9-7, Conner 2-3, BYU, Parker 11-131, Smith 2-41, Helmuth 7-21, Kozlowski 1-16, Salone 4-4.

PASSING — Baylor, Carlson 15-25-2-198, Muncie 15-28-4, BYU, Smith 26-41-0-311, Fowles 2-2-0-4.

RECEIVING — Baylor, Pruitt 6-129, Douglas 3-44, Ales 4-41, Conrad 3-40, Conner 1-11, BYU, Mills 6-115, Kozlowski 4-43, Bellini 3-34, Haysbert 3-33, Orr 1-21.

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McEnroe and  
Martina victims  
in U.S. Open

NEW YORK (UPI) — John McEnroe needs only one hour and 45 minutes to defeat Ivan Lendl 6-3, 6-4, 6-1 for the U.S. Open men's title Saturday.

It was the 68th victory for the world's top-ranked player against only one set in 1984, and allowed him to regain the U.S. crown he last held in 1981.

Martina Navratilova captured her second consecutive U.S. women's title Saturday.

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People are especially concerned with saving money these days. I often hear people say "I don't buy anything unless it's on sale." You can save money this way, it's a good way, it's a good idea; however, a limit to the amount of money you can save this way is its purpose of the column to help you to save money on photography. That is also the central purpose of Bob Allen's column, Camera & Sound, to help you get the best possible value out of your expenditures in pursuit of fine photography at a high fidelity music.

One of the things that motivates me to write this column is the realization that many of you are not always getting the quality pictures you are paying for. I would like to point out a few things that you can do to get the most out of your film at the lab where your film is processed and I see examples of the problems being made by a lot of people. I would like, in this column, to cover some of the ways in which money could be saved by getting better use of the photographic equipment that you own.

Certain camera brands and models seem to have recurring types of problems. This column will deal specifically with these in future issues. You could also ask if you have any questions that you would like answered in this column for the benefit of all of us. Please contact me at Allen's Camera & Sound, 373-4440.



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# WAC offenses explode

Air Force, New Mexico, Texas-El Paso prevail

By UNITED PRESS INTERNATIONAL

Air Force, which scored 75 points in a lopsided victory over Northern Colorado, led a weekend offensive explosion by Western Athletic Conference teams which saw 229 points scored against their opponents.

The total totals included 40 by Utah, which beat Washington State, 21 by San Diego State, 18 by New Mexico, 15 by Colorado and 14 by Wyoming.

“I would say the performance,” he said, “We thought it would be a great game to find out how good our offense really is.”

Meanwhile Air Force, which beat San Diego State last week, in only WAC game played this season, set five school records as it hammered intrastate foe Northern Colorado. The victory marked a record 10 straight for the Falcons and

came as Air Force rolled up a record 585 yards.

Other records included the most points scored, most points in a half with 45, and a mark for the best average gain per rush at 9.4 yards.

Air Force coach Fisher DeBerry, who sent 21 different ball carriers at the UNC defense, said, “I don’t know quite what to think about the game.”

“Our players can’t help but learn from the experience,” he said. “I still don’t know how good we are. The real test comes in a week (against WAC team).”

The league’s second-best score in consecutive intrastate games, New Mexico State 61-21 but may have suffered the greater loss because of an injury to quarterback Buddy Funk. Funk, whose injury was believed to be a sprained knee, was listed in satisfactory condition Sunday in

an Albuquerque hospital.

UNM coach Joe Lee Dunn said: “Things just went our way. Our offense was fantastic.”

Texas-El Paso won its first game of the season, downing Idaho State 16-14.

In another game involving a WAC team, Hawaii got defeated by Florida.

Coach Dick Tomey admitted his Rainbow Warriors were simply outmatched.

“They were a lot better team,” he said. “The game was over by the time our team was米ized.”

Other WAC teams that walked away losers were Wyoming, 42-7 at

2-4 starting Colorado State, and San Diego State, 18-15 loser to UCLA.

The Aztecs came from behind to win.

Utah State scored all their points on

six field goals by John Lee, tying an

NCAA record.

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Note information found on page 10-11 of the Fall 1984 Class  
Schedule.

The Academic Standards Office is available with help to all  
students.

## Dolphins crush Patriots, 28-7, on Marino TDs

Marino hit Mark Clayton for two touchdowns in the final four minutes of the second half Sunday to lift the Miami Dolphins to a 28-7 victory over the New England Patriots.

The Dolphins, who took the second-half kickoff and led the first score with 2:22 gone, as Marino hit Clayton on a slant over the middle for 38 yards to make it 14-7.

In other games, the New York Giants blasted Dallas 28-7, St. Louis crushed Buffalo 37-7, New Orleans nipped Tampa Bay 17-13, Chicago blanked Denver 27-0, Detroit edged Atlanta 27-24 in overtime, Kansas City upended the Rams 27-10, Philadelphia beat Minnesota 19-17, the Los Angeles Raiders hammered Green Bay 28-7, the Los Angeles Rams nipped Cleveland 20-17, Seattle clubbed San Diego 31-17 and Indianapolis dumped

Houston 28-10.

At East Rutherford, N.J., Andy Henley dashed a club-record 81 yards with the first of two Gary Hogeboom fumbles and Phil Simms fired three touchdown passes in a 34-13 win.

At St. Louis, Otto Anderson scored two first-half touchdowns and Neil Lomax threw two scoring passes to lead the Cardinals 27-13.

At New Orleans, Huie Gajan scored an 8-yard run and lost two minutes remaining to lift the Saints, capping an 88-yard drive.

At Chicago, Walter Payton scored on a 72-yard touchdowm, the first of his 100th — and broke Jim Brown’s career combine yardage mark with 179 yards rushing to lead the Bears.

At Atlanta, Ed Murray kicked a 48-yard field goal with 5:06 gone in overtime to lift the Lions. The Lions had battled back to tie the score at 17-17 and 24-24.

At Cincinnati, Todd Blackledge passed for two touchdowns and Jim Lovell kicked a 48-yard field goal with 1:50 remaining to give the Chiefs win and improve their record to 2-0.

At Philadelphia, Ron Jaworski flipped a 1-yard touchdown pass to John Stagno with two seconds remaining to give the Eagles a 27-24 win.

At Los Angeles, Frank Hawkins, Marcus Allen and Derrick Jensen rushed for second-half touchdowns to power the Raiders and improve their record to 2-1.

At Los Angeles, Ron Brown tied the score with a 5-yard touchdown catch and Mike Lansford kicked a 27-yard field goal with 1:25 remaining in the game to lift the Rams.

At Seattle, Dave Krieg ran for two touchdowns and passed 22 yards to rookie Daryl Turner for another score to lead the Seahawks. Franco Harris, rushed for 46 yards on 14 carries in spot duty.

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Watch the Cougar Coupon Caper for more information and prices on discount tickets. Movie listing recording 378-6000.

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# AT&T markets innovations

## Hi-tech improves telephone systems

By RASLENE MONSON  
Monday Editor

Forecasting the future is a job usually left to astrologists and mystics. AT&T, however, is predicting the version of today's telephone will soon become the history of tomorrow.

With the advent of integrated photonics and lasers, the phone of the future will perform a host of different tasks besides the current functions of dialing and talk, said Brent L. Checketts, assistant staff manager for AT&T's Bell Laboratories in City.

According to Time Magazine, AT&T is already offering two new versions of its standard telephone which illustrate the direction the phone is going. "Today's telephone has key pad and displays the date and time, or the name of the person being called on calculator-style windows," the article stated.

The key to unlocking state-of-the-art technology, Checketts said, is the Centron system. He explained the Centron system as a certain type of electrical network that enables the phone to perform a variety of different functions.

"Today's telephone is being utilized today in many homes and can be used with any standard push button phone," he said.

With more mothers working and homes becoming more complex, the Centron system, Checketts said, is looking for some emergency device to protect them from fire and crime, he said. With the use of the Centron system, sensors and alarm systems have been designed to improve safety and security in the home.

### Automatic systems

Units that automatically call medical emergency numbers and systems linking smoke alarms to phones that will dial two numbers when smoke is detected are already on the market.

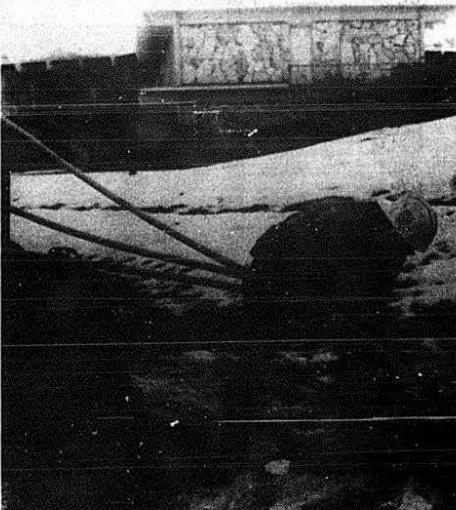
A Senophone, as described by Time Magazine, monitors room temperatures, sound levels and electrical systems. If a room's temperature rises above a certain level, or if a fire is detected when a homeowner is away, perhaps because of a fire or a pipe-freezing chill, the device will automatically send a message to one of emergency numbers.

Other features of the Centron network include call waiting, call forwarding and three-way calling. The only prerequisite for either custom dialing or Centron is electronic switching. Currently, all telephone lines in the state of Utah are served by electronic switching. "The percentage is rapidly climbing too," Checketts said.

### Micro-electronics

The products available on the market, however, look like the old crash test compared with what will arrive in the future," he said. "The big thing is micro-electronics and photonics. In electronics, metal wires carry information as pulses of electricity. In photonics, it's carrying information as pulses of light. I believe it represents the wave of the future of communications in space and underwater as well as on the land."

In September 1982, the world's first underwater optical fiber communications system was made off New England. When completed, the system will



A fiber optic cable is but one of the many new technologies representing the future of communications. One cable will carry thousands of voice messages on a single strand.

carry the equivalent of 40,000 telephone calls at a rate of 274 million bits of information per second.

In space, communications satellites orbiting 22,300 miles above the earth, can transmit 80,000 simultaneous conversations in light seconds.

According to Checketts, products being worked on include silicon chips that will recognize individual voiceprints, telephones linked to computers for the use of sending data to different locations, and a new type two-way telephone.

"The new technology appearing is not just focused towards the home but to businesses as well," Checketts said.

### Teleconferencing

Information released by Mountain Bell indicated that when people buy a telephone, they are able to use a system called teleconferencing. Teleconferencing utilizes a microphone that picks up voices but

screens out noise from a conference room.

"Combining computer terminals and telephone gives the customer many exciting options and possibilities," he said. Personal appearance, video, stock market news, news clippings and different phone numbers can all be done on the new teleterminals," he explained.

"And the best thing is that they don't even have to leave their office," he said. "A doctor could use a terminal to review a patient's medical records while talking to the patient on the phone."

Installation of a new telephone system is not a requirement for many of the latest technologies. A new method of transmitting information allows data and voice signals to travel alternately over an ordinary home telephone line.

"New innovations are always exciting. I think we are moving in a forward direction for the service of our customers and the building up of the company," Checketts said.

## Utah's job rate holds steady

SALT LAKE CITY (UPI) — Utah's jobless rate in August held steady with the figures posted after the July survey, the 1,000th Keneecon worker, the Utah Job Service reported.

A Job Service report released Thursday said the seasonally adjusted rate of 6.3 percent for August was identical to the rate in July and was unchanged from July's 100th position from 44,200 to 44,200.

During the two months, said Job Service spokesman Ray Sargent.

"What happened between August and July in employment numbers were minor, this is the case when compared with a year ago," he said. "August 1983's seasonally adjusted unemployment of 6.3 percent towered above August's 1984 rate of 6.3 percent."

During that interim, the total increase in jobs was 33,400, he said. From July to August of this year, Utah's non-agricultural industries added about 4,000 jobs to their payrolls, compared to 3,300 for the same months a year ago.

"This expansion pushed non-agricultural jobs to

more than 600,000, regaining ground lost last month due to layoffs in copper, steel, food processing and the oil industry," he said.

He noted that the descent in Utah's jobless rate has slowed considerably during recent months. From May 1983 to May 1984 the rate in Utah decreased by three percentage points, from 10.4 to 6.5 percent.

"Since May 1984, the rate has slipped only a couple of notches, decreasing from 6.5 percent to 6.3 percent," he said. "This is the case when Keneecon layoffs hit the state."

He noted the area of highest unemployment is still the state's coal and mining belt, with Carbon, Emery, Grand and San Juan counties posting a 10.1, 10.0, 10.0 and 10.0 percent rate, respectively.

Bud Bonnett, director of city utilities, said the engineering and design work will begin immediately.

### Provo Council OK's project of \$1.5 million

PROVO (UPI) — The Provo City Council has voted unanimously to spend \$1.5 million to build a new steam plant from its municipal power plant to a hospital, high school and three other buildings.

Bud Bonnett, director of city utilities, said the engineering and design work will begin immediately.



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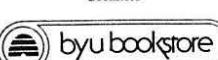
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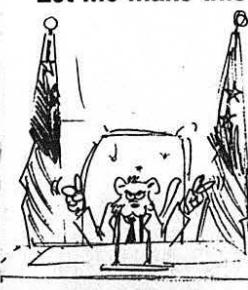
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## Knievel plans for last jump to be a father & son event

BOISE (UPI) — Evel Knievel, approaching the 10th anniversary of his infamous attempt to soar across Idaho's Snake River Canyon on a motorcycle, has signed a contract to end seven years of safe living to make a final stunt jump with his son, Knievel, interviewed Thursday from his home in Boise, Idaho. Monie, 22, has signed a contract to jump across 1,600 feet-wide Snake River Canyon on Sept. 8, 1974, has left the medical center in Idaho.

"I don't know if I can do it, since it's been seven years since I jumped," the elder Knievel said.

Evel Knievel said, "I'm 45 years old, and I can't afford to get hurt one more time seriously."

But Knievel, a television commentator, said he only tries to please "the man I look at in the mirror every morning" and will attempt a "last jump" in Boise, Idaho, on Sept. 8, 1974, Robin Knievel, 22, La Costa, Calif.

The younger Knievel, who also uses the name "Evel" for stunts, will "jump in" in Boise with his hands off the cycle's handlebars, his father said.

"I'm going to introduce him to the sports world, and he's going to make it so people can say, 'Look at my coattails,'" the elder Knievel said.

## Device tests death cause of dinosaurs

BERKELEY, Calif. (UPI) — A new device that can measure the level of a silvery-white metal in rocks will test a recent theory that a mysterious "death star" caused a massive barrage of comets that probably fatal to dinosaurs and other ancient life forms, researchers said.

The device, called the Iridium

Coincidence Spectrometer, measures the amount of iridium in rock samples much more quickly and cheaply than previous methods, making it possible to gauge the extent to which the earth has been bombarded by large extraterrestrial objects, scientists said.

Iridium, an element from the platinum group, is scarce in the earth's crust — about 20 parts per trillion — but is 10,000 times more abundant in most meteorites.

Measuring the abundance of iridium in a rock sample can help relate the abundance of these other elements in the area in which the sample was taken. The research will reveal whether the iridium is extraterrestrial in origin.

Unusually high concentrations of iridium — more than 100 parts per trillion — which peak in sedimentary rocks, could point to an extinction period would help substantiate the death star theory, researchers said.

Fossil records showing periodic mass extinctions have been linked to high concentrations of iridium in sediments.

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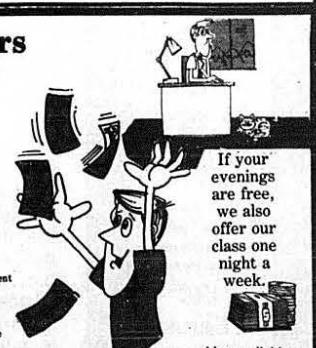
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# Long-distance options open

## Competition has grown more fierce since the breakup

By JONETTE UDARBE  
Senior Reporter

Long-distance phone calls are a major part of many BYU students' lives. Whether it is a call home for emotional and financial support, or to hear the voice of a sweetheart, the price of long-distance calls can add up the month's budget for food and other things, leaving one hungry.

With the breakup of the Bell System monopoly in the telecommunications industry, rates have increased. More choices in telephone products and services are offered and the market is crowded with national and local companies offering lower long-distance rates.

American Telephone and Telegraph Co., the largest national company, however, has not gone and now serves 87 million customers.

**"We have the best quality because we use our own networks."**

—Steve Harvey  
AT&T spokesman

It is the only service that offers wireless long-distance calls. According to Steve Harvey, spokesman for AT&T, the company services 248 countries and points overseas.

Harvey said the major benefits of AT&T are the quality of service and the quality of transmission.

"We have the best quality because we use our own networks and mix under one roof our satellite and terrestrial systems as a means of communication," said Harvey. "We also use the latest technological developments."

Cindy Crawford, customer service representative, said there are always clear connections, and there is a standard 20-minute allowance if the connection is bad and operator assistance is used.

MCI is the second-largest national network and offers wireless calling more than 50 years. It is also a common carrier, meaning the company owns the networks.

According to Karen Parge, branch manager in Salt Lake City, MCI offers a five percent to 40 percent savings on long-distance phone calls over AT&T.

One feature of MCI's long-distance services is a universal credit card that can be used to make calls anywhere in the United States and to five cities in Canada.

MCI does not charge deposit or installation fees, and customers do not need to maintain a monthly minimum.

According to Parge, one drawback with MCI and other long-distance



THE SCOREBOARD SYSTEM



companies is the long dialing code. This will be changed, however, with Equal Access.

Equal Access is a ruling by the Federal Communications Commission that will give all long-distance companies the same privileges as AT&T. This means customers will no longer have to dial a long-distance code to dial but will simply dial one, the area code and the number, and their call will go directly to the company they choose, said Parge.

"Students have an advantage in using long distance companies because each roommate is billed individually instead of sharing the bill."

— Frank Keeney  
Sorenson Systems

ing, with additional volume discount rates.

Long-distance phones can be installed in any area of the country. Calls to 100 cities must be made through Sprint and 100 cities code which saves 40 percent to 80 percent over credit card or operator-assisted calls.

The travel card allows a person to make calls from their home or from their office to their home address instead of having to make a collect call.

Students' parents use Sprint, they can use their access number from Provo to call home and have it

billed to their parent's address. This provides a great savings over a collect call," said Smith.

Sprint offers a base rate at a satis-

factory price of 10 percent lower than MCI and Sprint and two to 10 percent lower than Sorenson, said Darcy.

According to Darcy, an important benefit Tel America offers is intensive minutes. This means if a person calls, they pay for one minute 10 seconds. All other companies round up to the next minute, she said.

With the breakup of AT&T, Tel America has no startup fee, no deposit and no monthly service charges.

Tel America users can only call from nine cities in Utah. Provo includes.

There is another local phone company and advertises a 12 percent to 15 percent savings on local calls and a 13 percent to 30 percent savings on calls made to 100 cities. They also offer a volume discount at a 15 percent to 30 percent savings for high volume users.

There are no monthly fees or required minimum, but a \$10 one-time deposit is required, said Frank Keeney, customer service representative.

## Many ailments caused by chemicals

By STEWART COWLEY  
University Staff Writer

At least half the people in the United States suffer from allergies, but doctors don't know how to treat them, said Dr. Robert W. Gardner, a professor of animal science at BYU.

Doctors have a hard time pinpointing the symptoms and not the cause, Gardner said. "It's very evident that chemicals are responsible for allergies and not pollen as has been assumed," he said.

Many allergic reactions are caused by "chemicals," the air we breathe, food we eat, and even to everything in the environment, Gardner said. People who are susceptible to such chemicals may have allergic reactions to many different elements in their environment, he said.

A host of ailments, including headaches, nausea, stomach disorders, mental disorders, hypertension, inability to concentrate, learning disabilities and more, are associated with chemicals, Gardner said. People often feel weak and miserable, and they don't understand why. It's likely they're having allergic reactions because of these chemicals, he said.

Gardner said he had suffered from a total food

allergy for most of his life. He had been treated by many doctors with no success. His health was generally poor, and he suffered from symptoms such as fatigue, depression and falling asleep.

Prescribed medications often aggravated the problem. "Strict food rotation diets didn't offer relief," Gardner said. This suggested reactions to substances common in the diet of the Gardner family.

"Dr. Ray Wixson, an allergist in Las Vegas, Nevada, told me I was sensitive to phenols and salicylates (used to produce aspirin)," Gardner said. "That theory was revolutionary."

As a result of this hypothesis that phenolic compounds and certain other associated chemicals are responsible for allergies and the mental disorders associated with those allergies," Gardner said. Studies by various specialists have shown this to be the case.

Allergy shots are based on the assumption that taking allergies is an immunological process, Gardner said. "The theory would indicate that the reaction is biochemical.

Gardner learned from Wixson how to chemically desensitize himself. The treatment is different from the traditional use of t-cols, he said.

Solutions with chemicals to which one is sensitive

are administered sublingually (under the tongue) whenever there is a reaction. The solution must contain the precise amount of chemical to neutralize the reaction, he said.

"The goal is to administer the drug and allow the adrenal glands to work the least possible," Gardner said. "The chemical will arrest the reaction within 10 seconds."

Gardner said the key to the process is determining the chemical dosage to neutralize the reaction. The amount must be exact to neutralize the reaction, he said. "The reaction does not stop, and they progressively get smaller," he said.

As the body builds tolerance to the chemicals, the dosage is increased, and desensitization is eventually achieved.

Gardner has categorized foods according to their chemical contents. One chemical solution often controls allergic reactions caused by such chemicals, Gardner said. "About 15 chemical solutions will control about 160 different chemicals that I react to," he said.

There are many chemical groupings that are causing similar problems for many people, Gardner said.

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Monday, September 10, 1984 The Daily Universe Page 7

## Parks proposed as dumps

SALT LAKE CITY (UPI) — The Department of Energy is trying to use a "back-door" method of putting proposed nuclear waste dump within a national park, a state official said.

Rod Miller, a natural resources policy specialist for the Utah Department of Natural Resources, said yesterday the DOE sought a court order putting a nuclear waste dump near the edge of Canyonlands National Park, which spans the park's borders around

"National Parks are a human sanctuary, like a hospital or a church," Miller said. He compared such an action to the use of a bomb to destroy bombs in a church.

"It would certainly violate all accepted forms of environmental law," he said. "It violates the intent of a sanctuary."

He said reports by the DOE's Human Interference

Task Force as saying "Canyonlands National Park would promote the continued knowledge of the repository and/or protection of the repository in the park."

"For example, if the repository were to be established within lands under federal protection for other purposes, advantages might be realized in terms of the long-term protection of the repository from human interference," the task force said.

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## New postal rates to be debated

WASHINGTON (UPI) — The Postal Rate Commission recommended Friday that the U.S. Postal Service raise the price of a first-class stamp from 20 cents to 22 cents and hike the cost of a postcard to 14 cents.

If the Postal Service board of governors approves the new rates, which are less than the U.S. Postal Service requested last November, they could go into effect as early as February. But a spokesman for the board said the matter would not be taken up before next month.

The Postal Service had asked for a 23 cent first-class stamp and wanted to charge 15 cents for postcards, which are now 13 cents.

In addition to the 22 cent charge for the first ounce of first class mail, the commission recommended that the rates for additional ounces be increased.

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## The Baseball Card Shop

# Hobby proves profitable

By TOD SANDERS  
University Staff Writer

The collecting and trading of baseball "bubblegum" cards has been a source of enjoyment for millions of all ages for almost as long as the cards have been around.

Since the days of Cy Young and Ty Cobb, fans have paid anywhere from a penny, years ago, to thousands of dollars today for the right to accompany a card with their hero's picture on the front and statistics on the back.

As a lifelong card collector from Maine, Willie Guerrette has found a way to parlay this hobby into a money making enterprise. Guerrette is the proprietor of the "Baseball Card and Comics" store in downtown Provo.

And how did this 24-year-old accounting major at BYU come to decide to work his way through college as the co-owner of a novelty shop?

"Well, it's a long story, but I had been collecting baseball cards since I was eight," Guerrette said, "and when I got home from my mission I took it up again."

By the time his personal collection had soared to over 100,000 cards, he had met his wife who was not too keen on the cards, so he began spending needed funds to expand his collection.

"My wife told me that if I could earn enough money through my cards to support my hobby, then she would go along with it." That is exactly what he did.

"I started by selling doubles (having more than one of the same card) through mail order. Then the owner of the biggest card store in Salt Lake City contacted me about getting a store going in Provo. I became involved with him and he became my mentor.

After the store opened in May of 1983, the inventory of cards has swelled to 1.5 million. The names and eras range from a 1952 Willie Mays to a 1984 card of New York Mets rookie sensation Darryl Strawberry — which is currently the hottest on the market.

Baseball cards are not the only ones on hand. Full collections of football, basketball and even hockey can be found in Guerrette's store.

The general impression concerning baseball card collecting is usually that it is just "kid stuff." Not so, said Guerrette. "Half our card business is from BYU students. In fact, the average collector is in his twenties." Along with the 24 people hobby, baseball card collecting has become his big business.

Conventions are being conducted throughout the country, where cards are bought, sold, and traded. The most sought-after card is of Hall of Famer Honus Wagner, circa 1910, which can only be found in the most expensive sets. It costs \$35,000 per copy.

The most expensive card of the modern era is the Mickey Mantle rookie card of 1952. According to Guerrette, that card will bring a price of \$1,500.

Guerrette also speaks of the good investment that baseball cards can become. "They appreciate at a higher rate than stamps or coins."

As an example, he cited the rookie card of two time most valuable player Dale Murphy. "His first card cost 25 cents two



Universe photo by Doug Lind  
Provo residents visit "The Baseball Card and Comics" too" in downtown Provo where a BYU student has made a half-time business out of a childhood hobby.

and a half years ago, but now it goes for \$25, especially in Utah where it is a local favorite.

Although card collecting is Guerrette's personal passion, the card book side of the business is the most profitable — and popular.

Three-fourths of our business comes from the comics," Guerrette said. He sells 2,000 of them a month, mostly to BYU students.

"Comic book readers are on the defensive because of the stigma attached to them," said Daniel Chin, Guerrette's only employee.

"Most people start reading comics when they are about thirteen, but stop when they get to high school. But then in college they find out what others think, so they come out of the closet," Chin said.

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## Murder suspect jailed after shooting incident

INGLEWOOD, Calif. (UPI) — Police have arrested the man who allegedly opened fire at an intersection last month, killing an apartment manager who was shielding a 3-year-old boy from the bullets.

Members of the Ingelwood Police Gang intelligence unit Tuesday arrested Kenneth Davis, 18, just after he left a motel and began walking toward an intersection in Ingelwood, Calif.

Davis was booked in the Ingelwood jail on suspicion of murder and was held without bail in connection with the Aug. 19 shooting that killed Vincent McGowen, as assistant manager of an apartment building.

McGowen was outside the building when Davis allegedly appeared at a street corner and began firing at people, witnesses and McGowen ran inside the building clutching the boy and up a set of stairs before dropping him on the landing. The boy escaped injury but McGowen died from two bullet wounds.

Neighbors said the gunman was beaten up the night before and was dubbed "drug alley," and apparently came back to claim vengeance.

Police Sgt. Joe Reeves said McGowen "brought the boy out of the line of fire and died for him."

Neighbors said McGowen was unarmed. "The man had a harsh word for anybody," said Sherry Gooden, 20, a neighbor.

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## Solidarity spokesman to visit Y

Marek Baratzek, editor of the "Voice of Solidarity," will speak at a rally at noon on Monday, September 10, in 375 Young Center.

As head of the Information Office in London, England, Baratzek works with a group of Polish exiles to coordinate efforts to assist the trade union movement within Poland.

A primary aim of the "Voice of Solidarity" is to provide information about the movement toward peace and social justice.

Baratzek is a spokesman for the Solidarity underground and advocates the need for human rights of all people.

His speech will focus on the work of Solidarnosc, under the leadership of Nobel Peace Prize Winner, Lech Walesa.

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